0013

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

March 22, 1995

Thomas E. Ehmett, Acting Director
Office of Surface Mining
Reclamation and Enforcement
505 Marquette N.W., Ste. 1200
Albuquerque, NM 87102

RE: <u>Response To Ten-Day Notice X-95-020-109-01 TV1, Genwal Coal Company, ACT/015/032, Folder #5, Carbon County, Utah</u>

Dear Mr. Ehmett:

This letter is in response to the above-referenced Ten-Day Notice (TDN), certified copy received at the Division Office on March 15, 1995.

The TDN states the following: "Failure to design sediment Control to meet effluent limitations. Structure related to the permit package as SAE #2."

The Division agreed with OSM with regards to TDN X-95-020-190-01 TV1. The Division also found an additional inadequacy with SAE #2 as follows:

> SAE #2 is improperly named and should be designated as an alternate sediment control area. R645-301-742.124

The following information has been approved in the MRP as amendment 95-D. This amendment has met the requirement of Sediment Control Measures (R645-301-742). The operator has shown the following:

a) Designs for sediment control measures (strawbales, silt fences) and installation location. R645-301-742.110.

b) The operator has stated this area will meet effluent limits. R645-742.112

c) The area has been submitted as ASCA-2.

d) The permittee has given a detailed maintenance program of ASCA-2. R645-301-742.110

If there is any problem with the information in this submittal please call Steve Demczak at the Price Field Office 801-637-5806. It is the Division intention to solve this issue during the ten day response period. A mailed submittal will be sent to you.

Sincerely Yours,

Stephen J. Demczak
Reclamation Specialist III

sd
Enclosures

RECEIVED
MAR 15 1995
DIV OF OIL, GAS & MINING

UNITED STATES DEPARTMENT OF THE INTERIOR
Office of Surface Mining Reclamation and Enforcement

TEN-DAY NOTICE

Number: X-95-020-190-01 TV 1

Originating Office: Office of Surface Mining
505 Marquette Suite 1200
Albuquerque NM 87102

Telephone Number: 505 766 1486

Ten-Day Notice to the State of Utah

You are notified that, as a result of Federal Inspection (RSI) (e.g. a federal inspection, citizen information, etc.) the Secretary has reason to believe that the person described below is in violation of the Act or a permit condition required by the Act. If the State Regulatory Authority fails within ten days after receipt of this notice to take appropriate action to cause the violation(s) described herein to be corrected, or to show cause for such failure and transmit notice of your action to the Secretary through the originating office designated above, then a Federal inspection of the surface coal mining operation at which the alleged violation(s) is occurring will be conducted and appropriate enforcement action as required by Section 521(a)(1) of the Act will be taken.

Permittee: Genwal Coal Company
(Or Operator if No Permit)

County: Emery

Mailing Address: PO Box 1201 Emery, Utah

Permit Number: Act/015/032

Mine Name: Crandall Canyon

☐ Surface
☒ Underground
☐ Other

NATURE OF VIOLATION AND LOCATION: Failure to design sediment control to meet effluent limitations Structure referred to in permit package as SAE#2

Section of State Law, Regulation or Permit Condition believed to have been violated: R645-301 742.110

NATURE OF VIOLATION AND LOCATION: ~~SAE~~

Section of State Law, Regulation or Permit Condition believed to have been violated:

NATURE OF VIOLATION AND LOCATION:

Section of State Law, Regulation or Permit Condition believed to have been violated:

Remarks or Recommendations:

Certified Return Receipt P 079 749 441

Date of Notice:

Signature of Authorized Rep.: T W Wright

Print Name and ID: Thomas W Wright 190

Distribution. Original-State's Copy, Blue-Field Office, Yellow Inspector's Copy

IE-160 (3/81)

Form DOGM - C1 (Last Revised 6/93)

File Folder # 3

APPLICATION FOR PERMIT CHANGE

Title of Change: **Response TDN - Change SAE-2 to ASCA-3 with treatment**

95-D

Permit Number: **ACT/015/032**

Mine: **Crandall Canyon**

Permittee: **Genwal Coal Company**

Description, include reason for change and timing required to implement: **Response to DOGM/OSM Requirements for effluent control**

APPROVED
MAR 2 2 1995
DIV. OIL, GAS & MINING

RECEIVED
2 1995
DIVISION OF OIL
GAS & MINING PRICE UTAH

Yes	☒ No	1. Change in the size of the Permit Area? ______ acres ☐ increase ☐ decrease.
☐ Yes	☒ No	2. Change in the size of the Disturbed Area? ______ acres ☐ increase ☐
☐ Yes	☒ No	3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
☐ Yes	☒ No	4. Will permit change include operations in hydrologic basins other than currently approved?
☐ Yes	☒ No	5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
☐ Yes	☒ No	6. Does permit change require or include public notice publication?
☐ Yes	☒ No	7. Permit change as a result of a Violation? Violation #
☐ Yes	☒ No	8. Permit change as a result of a Division Order? D.O.#
☒ Yes	☐ No	9. Permit change as a result of other laws or regulations? Explain: OSM TDN
☐ Yes	☒ No	10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
☐ Yes	☒ No	11. Does the permit change affect the surface landowner or change the post mining land use?
☐ Yes	☒ No	12. Does permit change require or include collection and reporting of any baseline information?
☐ Yes	☒ No	13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?
☐ Yes	☒ No	14. Does permit change require or include soil removal, storage or placement?
☐ Yes	☒ No	15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
☒ Yes	☐ No	16. Does permit change require or include construction, modification, or removal of surface facilities?
☒ Yes	☐ No	17. Does permit change require or include water monitoring, sediment or drainage control measures?
☒ Yes	☐ No	18. Does permit change require or include certified designs, maps, or calculations?
☐ Yes	☒ No	19. Does permit change require or include underground design or mine sequence and timing?
☐ Yes	☒ No	20. Does permit change require or include subsidence control or monitoring?
☐ Yes	☒ No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
☐ Yes	☒ No	22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
☐ Yes	☒ No	23. Is this permit change coal exploration activity ☐ inside ☐ outside of the permit area?

☐ **Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.**

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations herein.

- Env. Manager 3/22/95
Signed - Name - Position - Date

Subscribed and sworn to before me this 22nd day of March, 1995

Notary Public
My Commission Expires: May 28, 1997 }
Attest: STATE OF Utah } ss:
COUNTY OF Emery }

Received by Oil, Gas & Mining

ROSINA SIAPERAS
NOTARY PUBLIC • STATE of UTAH
775 EAST BRIARWOOD CIRCLE
PRICE, UT 84501
COMM. EXP. 5-28-97

ASSIGNED PERMIT CHANGE NUMBER

Form DOGM - C2 (Last Revised 6/93) File Folder # 3

Application for Permit Change
Detailed Schedule of Changes to the Permit

Title of Change: **Response to OSM TDN on SAE-2**

APPROVED
MAR 22 1995
DIV. OIL, GAS & MINING
PRICE, UTAH

Permit Number: **ACT/015/032**

Mine: **Crandall Canyon**

Permittee: **Genwal Resources**

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit change. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the exiting mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
☐ ADD	☐ REPLACE	☐ REMOVE	**Replace pages 7-56 and 7-57**
☐ ADD	☐ REPLACE	☐ REMOVE	**Add ASCA-2 Silt Fence drawing to packet with Figure 7-5A in Volume 8 of MRP**
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

7.42.20 Siltation Structures

7.42.21 General Requirements

Additional contributions of suspended solids and sediment to stream flow or runoff outside the permit area will be prevented to the extent possible using the best technology currently available.

Small Area Exemptions (S.A.E. Areas)

Small-area exemptions or alternatie sediment control areas are requested for the eight areas shown on Plate 7-5 and Plate 2-3. SAE-1 (with a surface area of 0.02 acre) is the outslope of the access road to the administration pad of the western end of the surface facilities as well as to proposed U.S. Forest Service facilities to be located upstream from the mine facilities. Runoff from this area cannot feasibly drain to the sedimentation pond without excessive disturbances adjacent to Crandall Creek.

Runoff will occur from SAE-1 as sheet flow toward Crandall Creek. The area was reclaimed as outlined in Section 515.300 for contemporaneous reclamation. Reclamation commenced during the autumn 1986 immediately following completion of construction associated with the area. Maintenance of the revegetation effort will occur as outlined in Section 525.300. Immediately following revegetation, a straw-bale dike was installed along the entire toe of SAE-1 to control sediment yields from the area prior to effective establishment of the vegetation. This has since been replaced with a silt fence in areas where the width of the revegetated section is less than 5 feet.

Calculations required to determine the effectiveness of the vegetation in controlling sediment yield from SAE-1 are contained in Appendix 7-9.

SAE-2 **now referred to as ASCA-2**(0.34 acre) exists at the northwest corner of the site. This area was initially constructed as a substation pad and associated access road. Because the substation has not been installed and may not be installed in the future, **ASCA-2 is being** reclaimed. Of the total area, 0.15 acre received final reclamation treatment and 0.19 acre received contemporaneous reclamation treatment (see Chapter 5, Plate 7-16 and Plate 7-5C). An additional area of 0.90 acre of undisturbed area drains onto **ASCA**-2 from above. The 24-hour design storm flow from the area (disturbed and non-disturbed areas) is 2.4 cfs

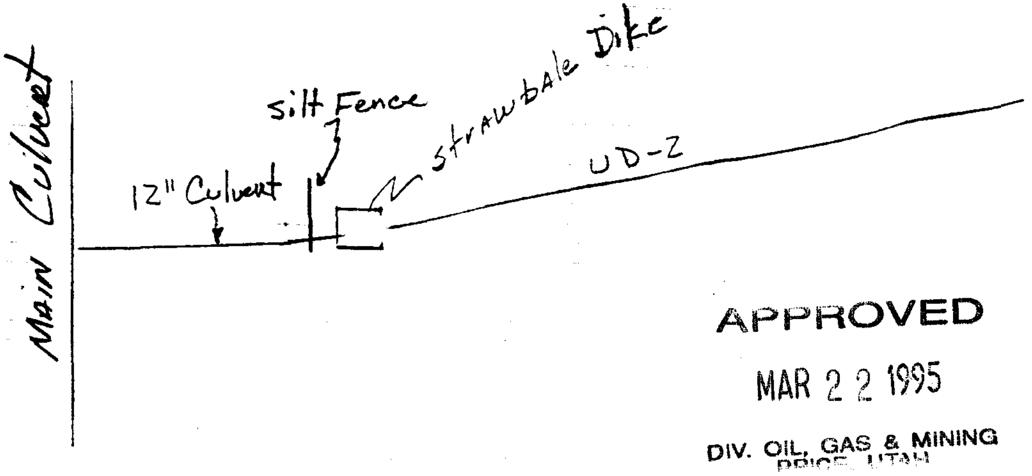
Site drainage could be constructed to cause this area to drain to the sedimentation pond. However, enlargement of the pond to accept runoff from this area would be feasible only if a culvert was installed in Crandall Creek. The resulting damage to Crandall Creek (i.e., removal of riparian vegetation, alteration of the channel cross section, etc.) for the sole purpose of sediment control is not considered justifiable.

ASCA-2 was reclaimed (contemporaneous and final) as outlined in Section 525.300. A 12-inch CMP culvert was installed at the end of UD-2 to collect the diverted runoff. This 12-inch culvert (UD-2) discharges into UD-1. **A strawbale dike and silt fence will be constructed at the inlet (see Figures 7-11 and 7-12) to the structure ensure all the runoff water from the disturbed area is treated. Also, to ensure that the runoff does not overtop the siltfence, the silt fence will extend a minimum of 18 inches above the ground surface and will be cleanedout when only 12 inches remain above the ground surface to insure that the effluent meets state and federal regulations. ASCA-2 will be inspected monthly for sediment buildup and structural integrity.**

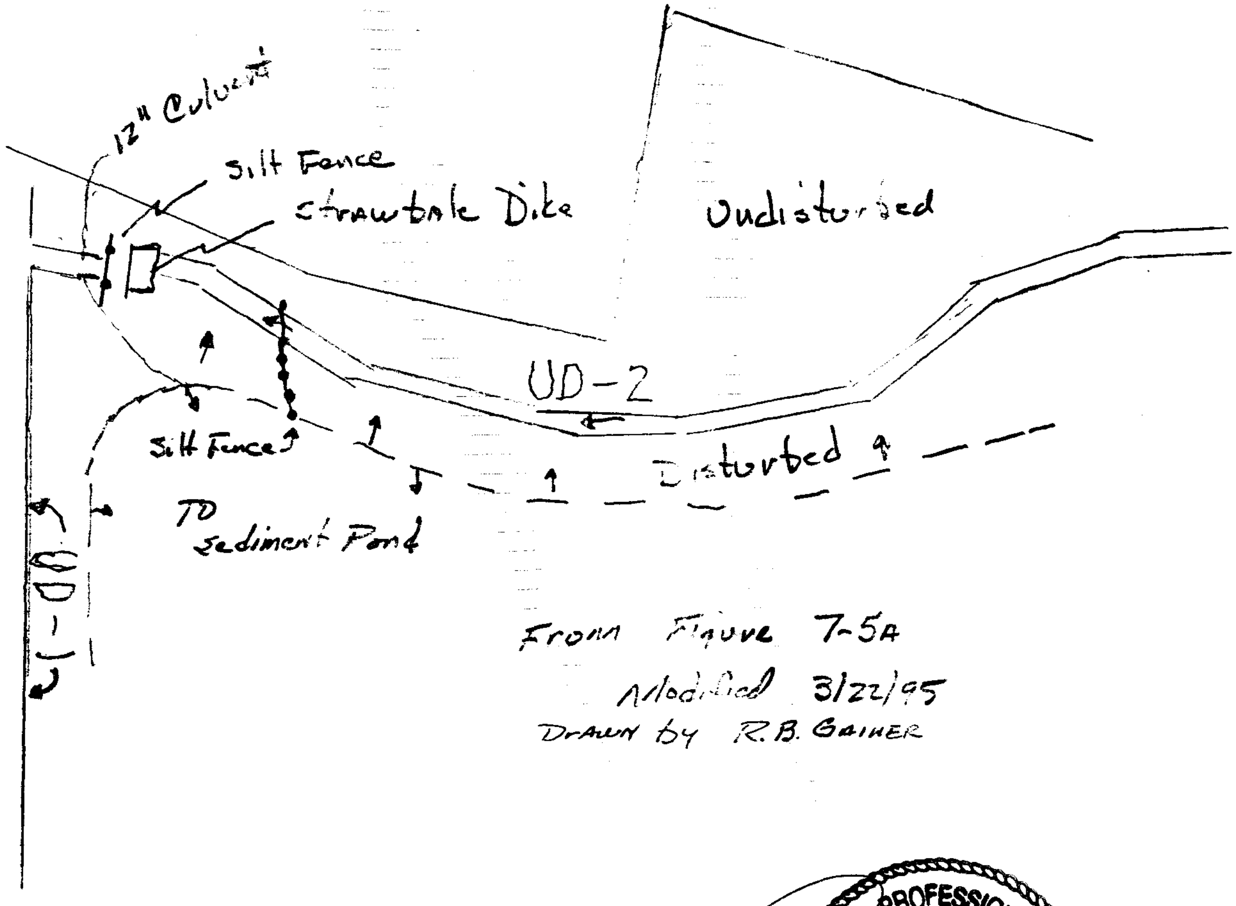
SAE-3 consists of a small area (0.32 acre) on the south side of the U.S. Forest Service access road that has served in the past as the materials storage/office pad. The northern portion of this area was reclaimed using final reclamation techniques outlined in Section 3.5 (see Plate 7-5C). A berm of boulders was placed between SAE-3 and the road to prevent access to the reclaimed area. A straw-bale dike (Figure 7-11) was installed along the southern portion of the reclaimed area to serve as a sediment-control device prior to effective revegetation.

The southern portion of SAE-3 consists of boulders piled against the outslope of the pad. These boulders were blasted from the site high wall during initial construction. Due to potential stability problems that might be created by removal and the

3-22-95
ASCA-2
Silt Fence



APPROVED
MAR 2 2 1995
DIV. OIL, GAS & MINING
PRICE, UTAH



From Figure 7-5A
Modified 3/22/95
Drawn by R.B. Gainer

REGISTERED PROFESSIONAL ENGINEER
DAN W. GUY
No. 154168
3/23/95
STATE OF UTAH